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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Gregory E. Niles et al.
APPLICATION NO.: 10/826,973
FILING DATE: April 16, 2004
TITLE: Animation of an Object Using Behaviors
EXAMINER: Not Yet Known
GROUP ART UNIT: 2673
ATTY. DKT. NO.: P3331US1 (18602-08906)

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Dated: 5-3-05

By: *Sabra-Anne R. Truesdale*
Sabra-Anne R. Truesdale, Reg. No. 55,687

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INFORMATION DISCLOSURE STATEMENT

Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

- ☒ within three months of the filing date of the application, or date of entry into the national stage of an international application, or before the mailing date of a first office action on the merits, whichever event last occurred;
- ☐ before the mailing of a first official action after the filing of a request for continued examination (RCE) under 37 CFR § 1.114;
- ☐ after three months of the filing date of this national application or the date of entry of the national stage in an international application, or after the

mailing date of the first official action on the merits, whichever event last occurred, but before the mailing date of the first to occur of either: (1) a final action under 37 CFR §1.113; or (2) an action that otherwise closes prosecution in the application, and:

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ Applicant certifies pursuant to 37 CFR § 1.97(e) that:
 - ☐ each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Statement; OR
 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement;
- ☐ on or before the payment of the issue fee but after the mailing date of the first to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of allowance under 37 CFR § 1.311; or (3) an action that otherwise closes prosecution in the application, and:
 - ☐ Applicant certifies pursuant to 37 CFR. § 1.97(e) that:
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 - ☐ no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Statement was known to any individual designated under 37 CFR § 1.56(c) more than three months prior to the filing of this Statement; AND

- ☐ attached hereto is the fee set forth under 37 CFR §1.17(p) for submission of this Information Disclosure Statement under 37 CFR. § 1.97(c); OR
- ☐ after the payment of the issue fee. Applicant requests that the information contained in this Information Disclosure Statement be placed in the file according to 37 CFR § 1.97(i), although the information may not be considered by the USPTO.
- ☐ Enclosed is a copy of each listed reference that may be material to the examination of this application, and for which there may be a duty to disclose.
- ☐ This application relies, under 35 U.S.C. § 120, on the earlier filing date of prior application No. _____, filed on _____, and the references cited therein are hereby referenced, but are not required to be provided in this application under 37 CFR § 1.98(d).
- ☒ This application was filed after June 30, 2003. Therefore, pursuant to the waiver of the requirements under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each U.S. Patent Application Publication are not required to be submitted. Copies of any foreign patent documents and non-patent literature cited herein are enclosed.
- ☐ Each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application, and the communication was not received by any individual designated in 37 CFR § 1.56(c) more than thirty days prior to the filing of this Information Disclosure Statement. 37 CFR § 1.704(d).
- ☒ Applicant submits that no fee is required for the consideration of this Information Disclosure Statement.

Consideration of the listed references and favorable action are solicited.

Respectfully submitted,
GREGORY E. NILES ET AL.

Dated: 5-3-05

By: Sabra-Anne R. Truesdale
Sabra-Anne R. Truesdale, Reg. No. 55,687
Attorney for Applicant
FENWICK & WEST LLP
Silicon Valley Center
801 California Street
Mountain View, CA 94041
Tel.: (650) 335-7187
Fax: (650) 938-5200



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TRANSMITTAL FORM <i>(to be used for all correspondence during pendency of filed application)</i>	Application Number	10/826,973	
	Filing Date	April 16, 2004	
	First Named Inventor	Gregory E. Niles	
	Group Art Unit Number	2673	
	Examiner Name	Not Yet Known	
Total Number of Pages in This Submission	7*	Attorney Docket Number	P3331US1 (18602-08906)

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Attorney Docket Number	P3331US1 (18602-08906)

Sheet 1 of 3

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No. Number – Kind Code ² (if known)	Date MM-YYYY	Name of Patentee or Applicant of Cited Document
	A1	US-4,841,291	06-20-1989	Swix et al.
	A2	US-5,261,041	11-09-1993	Susman
	A3	US-6,317,128	11-13-2001	Harrison et al.

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

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	C1	APPLE COMPUTER, INC., "Tiger Developer Overview Series: Developing with Core Image," April 29, 2005, [Retrieved on May 3, 2005], Retrieved from the Internet URL: http://developer.apple.com/macosx/coreimage.html .	
	C2	APPLE COMPUTER, INC., "Core Video Programming Guide," 2004-2005, [Retrieved on May 3, 2005], Retrieved from the Internet URL: http://developer.apple.com/documentation/GraphicsImaging/Conceptual/CoreVideo/CoreVideo.pdf .	
	C3	APPLE COMPUTER, INC., "Final Cut Pro 5: Real-time editing for DV, SD, HD and film," [Retrieved on May 2, 2005], Retrieved from the Internet URL: http://www.apple.com/finalcutstudio/finalcutpro/ .	
	C4	APPLE COMPUTER, INC., "Technical Specifications for Shake 4," [Retrieved on May 3, 2005], Retrieved from the Internet URL: http://www.apple.com/shake/specs.html .	

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	C5	DAZ® PRODUCTIONS, INC., "BRYCE 5.0 User Guide for Macintosh® and Windows®," 2004, [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://bryce.daz3d.com/Bryce5_Manual_DAZ.pdf .	
	C6	DIGIMATION, INC., "Particle Studio," 1996-2003, [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://www.digimation.com/software/asp/product.asp?product_id=63 .	
	C7	DINERSTEIN, JONATHAN and EGBERT, PARRIS K., "Improved Behavioral Animation Through Regression," <i>Proceedings of Computer Animation and Social Agents (CASA) Conference</i> , 2004, pp. 231-238.	
	C8	EYEON SOFTWARE INC., "Products: Digital Fusion 4: Fusion 5 Upgrades," [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://eyeonline.com/Web/EyeonWeb/Products/digital_fusion/digital_fusion.aspx	
	C9	LITWINOWICZ, PETER C., "Inkwell: A 2 1/2-D Animation System," <i>Computer Graphics</i> , Vol. 25, No. 4, July 1991, pp. 113-122.	
	C10	MACROMEDIA, INC., "DIRECTOR®MX 2004: Using Director," September 2004, [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://download.macromedia.com/pub/documentation/en/director/mx2004/using_drmx2004.pdf .	
	C11	MACROMEDIA, INC., "Using Director MX 2004 behaviors," [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://download.macromedia.com/pub/documentation/en/director/mx.2004/drmx2004_behaviors.pdf .	
	C12	REYNOLDS, CRAIG W., "Flocks, Herds, and Schools: A Distributed Behavioral Model," <i>Computer Graphics</i> , Vol. 21, No. 4, July 1987, pp. 25-34.	
	C13	AVID TECHNOLOGY, INC., "Softimage® XSI®, "Version 4.2: New Features," November 2004 [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://www.softimage.com/products/xsi/v42/Documentation/features.pdf .	

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	C14	THALMANN, DANIEL, "Physical, Behavioral, and Sensor-Based Animation," <i>Proceedings of the 6th International Conference on Computer Graphics & Vision (GraphiCon)</i> , St. Petersburg, Russia, 1996, pp. 214-221.	
	C15	TU, XIAOYUAN, "Behavioral Animation," January 1996, [Retrieved on March 16, 2005], Retrieved from the Internet URL: http://www.dgp.toronto.edu/people/tu/thesis/node35.html .	
	C16	VIRTOOLS SA, "Virtools™ Dev: Develop Online and Offline Applications With Rich Interactivity," [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://www.virttools.com/solutions/products/pdfs/VirttoolsDev_3.pdf .	
	C17	VITAL IDEA INC., "Products: Crowd!@," 2004 [Retrieved on May 3, 2005], Retrieved from the Internet URL: http://vitalidea.com/products/crowd/ .	
	C18	WILDFORM, INC., "WildfxPro: Wild FX Pro Video Titling and Text Animation Software," 2005 [Retrieved on May 3, 2005], Retrieved from the Internet URL: http://www.wildform.com/wildfx/wildfxpro.php?sid=DCD9-2B90-420a8e669f030&ref= .	
	C19	WONDERTOUCHE, LLC, "particleIllusion 3.0 Guide," [Retrieved on April 27, 2005], Retrieved from the Internet URL: http://www.wondertouch.com/downloads/updates/Manual_301.zip .	
	C20	ZIAUDDIN, ISMAIL, "Behavioral Animation," January 2001 [Retrieved on March 16, 2005], Retrieved from the Internet URL: http://www.gignews.com/behavioral_animation.htm .	

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